



Translation of an Argumentation Framework into a CP-Boolean Game

Submitted by Emmanuel Lemoine on Mon, 10/06/2014 - 18:23

Titre	Translation of an Argumentation Framework into a CP-Boolean Game
Type de publication	Communication
Type	Communication avec actes dans un congrès
Année	2009
Langue	Anglais
Date du colloque	2009
Titre du colloque	21st International Conference on Tools with Artificial Intelligence, ICTAI '09
Titre des actes ou de la revue	Tools with Artificial Intelligence
Pagination	522 - 529
Auteur	Bonzon, Elise [1], Devred, Caroline [2], Lagasquie-Schiex, Marie-Christine [3]
Pays	Etats-Unis
Editeur	IEEE Computer Society
Ville	Newark
ISBN	978-0-7695-3920-1 / 978-1-4244-5619-2
Mots-clés	Abstracts [4], AI and games [5], argumentation [6], argumentation process [7], argumentation semantics [8], Artificial Intelligence [9], Boolean functions [10], Computational modeling [11], CP-Boolean game theory [12], formal algorithms [13], game theory [14], Knowledge representation [15], Knowledge representation and reasoning [16], Nash equilibrium [17], Polynomials [18]
Résumé en anglais	There already exist some links between argumentation and game theory. For instance, dynamic games can be used for simulating interactions between agents in an argumentation process. In this paper, we establish a new link between these domains in a static framework: we show how an argumentation framework can be translated into a CP-Boolean game and how this translation can be used for computing extensions of argumentation semantics. We give formal algorithms to do so.
Notes	Date du colloque : 11/2009
URL de la notice	http://okina.univ-angers.fr/publications/ua4438 [19]
DOI	10.1109/ICTAI.2009.11 [20]
Lien vers le document en ligne	http://dx.doi.org/10.1109/ICTAI.2009.11 [20]

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=7488](http://okina.univ-angers.fr/publications?f[author]=7488)
- [2] <http://okina.univ-angers.fr/caroline.devred/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=7470](http://okina.univ-angers.fr/publications?f[author]=7470)

- [4] [http://okina.univ-angers.fr/publications?f\[keyword\]=8885](http://okina.univ-angers.fr/publications?f[keyword]=8885)
- [5] [http://okina.univ-angers.fr/publications?f\[keyword\]=8674](http://okina.univ-angers.fr/publications?f[keyword]=8674)
- [6] [http://okina.univ-angers.fr/publications?f\[keyword\]=8675](http://okina.univ-angers.fr/publications?f[keyword]=8675)
- [7] [http://okina.univ-angers.fr/publications?f\[keyword\]=8886](http://okina.univ-angers.fr/publications?f[keyword]=8886)
- [8] [http://okina.univ-angers.fr/publications?f\[keyword\]=8887](http://okina.univ-angers.fr/publications?f[keyword]=8887)
- [9] [http://okina.univ-angers.fr/publications?f\[keyword\]=5814](http://okina.univ-angers.fr/publications?f[keyword]=5814)
- [10] [http://okina.univ-angers.fr/publications?f\[keyword\]=8888](http://okina.univ-angers.fr/publications?f[keyword]=8888)
- [11] [http://okina.univ-angers.fr/publications?f\[keyword\]=6284](http://okina.univ-angers.fr/publications?f[keyword]=6284)
- [12] [http://okina.univ-angers.fr/publications?f\[keyword\]=8889](http://okina.univ-angers.fr/publications?f[keyword]=8889)
- [13] [http://okina.univ-angers.fr/publications?f\[keyword\]=8890](http://okina.univ-angers.fr/publications?f[keyword]=8890)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=8891](http://okina.univ-angers.fr/publications?f[keyword]=8891)
- [15] [http://okina.univ-angers.fr/publications?f\[keyword\]=8892](http://okina.univ-angers.fr/publications?f[keyword]=8892)
- [16] [http://okina.univ-angers.fr/publications?f\[keyword\]=8676](http://okina.univ-angers.fr/publications?f[keyword]=8676)
- [17] [http://okina.univ-angers.fr/publications?f\[keyword\]=8893](http://okina.univ-angers.fr/publications?f[keyword]=8893)
- [18] [http://okina.univ-angers.fr/publications?f\[keyword\]=8894](http://okina.univ-angers.fr/publications?f[keyword]=8894)
- [19] <http://okina.univ-angers.fr/publications/ua4438>
- [20] <http://dx.doi.org/10.1109/ICTAI.2009.11>

Publié sur *Okina* (<http://okina.univ-angers.fr>)